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Dated: November 4, 2004 Signature: Michael R. Hall

Docket No.: 30205/39441  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Sung H. Woo

Application No.: 10/603,647

Confirmation No.: 2745

Filed: June 25, 2003

Art Unit: 2817

For: PLL HAVING VCO FOR DIVIDING  
FREQUENCY

Examiner: Joseph Chang

### AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

#### INTRODUCTORY COMMENTS

In response to the Office Action dated August 9, 2004, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** and a complete listing of the claims begins on page 2 of this paper.

**Remarks** in support of the allowability of this Application begin on page 4 of this paper.

**An amended Figure 1** with a "Prior Art" legion is attached hereto as an Appendix.